WO 2005/048356 PCT/US2004/037980

-6-

CLAIMS

- A panel for a solar rail or railing system, comprising:
 first and second transparent or, at least, translucent tempered glass panels;
 an array of solar cells spaced from but connected to each other on a
- transparent or, at least, translucent film sandwiched between the glass panels;
 a bottom rail for supporting the sandwich of film and glass panels from a portion of a building; and
 - a top rail for an outlet conduit of the electrical connection of the solar cells.
 - 2. The panel according to claim 1, and another thereof with the bottom and top rails respectively connected to each other as bottom and top rail elements.
 - 3. The panel according to claim 1, wherein the top rail forms a handrail.

10

- 4. The panel according to claim 2, wherein the top rail element forms a handrail.
- 5. The panel according to claim 1, wherein the outlet conduit of the top rail is electrically connected to the building.
- 15 6. The panel according to claim 2, wherein the outlet conduit of the top rail is electrically connected to the building.
 - 7. The panel according to claim 3, wherein the outlet conduit of the top rail is electrically connected to the building.
 - 8. The panel according to claim 4, wherein the outlet conduit of the top rail is electrically connected to the building.